

ABSTRACT OF THE DISCLOSURE

Disclosed is a integrated wireless local loop (WLL) and wireless local area network (WLAN) transceiver apparatus which connects a wireless local loop (WLL) base station and a plurality of wireless local area network (WLAN) terminals, including a WLL transceiver in communication with a WLL base station, a WLAN transceiver in communication with a plurality of WLAN terminals, and a specialized processing device which translates communications between WLL signaling protocol and WLAN signaling protocol. The apparatus allows a plurality of wireless terminals to simultaneously access the Internet without using a dedicated line or a cable line.